

AMENDMENTS
In the Claims

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1 49.(currently amended) An extruded oriented film ~~which is in the form of a crosslaminate, in~~
2 ~~which it is laminated to another oriented film, whereby the main directions of orientation cross each~~
3 ~~other, or is in the form of a rope, twine or woven-tape products, the film comprising a layer of~~
4 comprising a polymer alloy of at least two polymers P1 and P2, ~~which both~~ where the polymers P1
5 and P2 are at least partly crystalline at temperatures less than 100°C, ~~wherein~~ the polymer P2 in its
6 unoriented state at 20°C exhibits a coefficient of elasticity (E1) which is at least 15% lower than a
7 coefficient of elasticity (E2) of the polymer P1, and the alloy comprises a dispersion of
8 microscopically fine fibrils ~~or fibril network~~ of the polymer P1 surrounded by the polymer P2,
9 ~~wherein~~ each fibril extends ~~mainly~~ substantially in one direction and has ~~a width and a thickness~~
10 ~~wherein~~ a mean ~~of the~~ width and ~~the~~ a mean thickness is that are less than or equal to about 5µm,
11 and ~~wherein~~
12 ~~—— a) —— the polymer P1 fibrils are flat and substantially parallel with the main surfaces of the~~
13 ~~film, the fibrils have a thicknesses less than or equal to about 1µm and the fibrils~~
14 ~~have a width at least 5 times their thickness, and/or~~
15 ~~—— b) —— the oriented film exhibits locations of rupture of the polymer P1 fibrils, where the~~
16 ~~fibrils are broken and where the, locations extend in a generally linear fashion across~~
17 ~~the film at an angle to the direction of orientation.~~

1 50.(currently amended) The film according to claim 49, ~~wherein~~ further comprising a minor
2 coextruded surface layer on at least one side of the alloy layer to enhance bonding properties and/or
3 modify frictional properties of the film.

1 51.(currently amended) The film according to claim 50, wherein the polymer P1 comprises
2 polypropylene, polyamide or polyethylene terephthalate, and the polymer P2 comprises a propylene
3 copolymer, or polyethylene.

1 52.(currently amended) The film according to claim 51, wherein the polypropylene is

2 comprises a crystalline copolymer of propylene.

1 53.(**currently amended**) The film according to claim 51, wherein the polyethylene ~~is~~ comprises
2 a copolymer of ethylene.

1 54.(**currently amended**) The film according to claim 49, wherein the film is in the form ~~is~~ of
2 a crosslaminated.

1 55.(**currently amended**) The film according to claim 49, wherein the film is in the form ~~is~~ of
2 a rope, twine or woven-tape products.

1 56.(**currently amended**) An extruded film comprising a layer ~~of~~ including an alloy ~~of~~
2 comprising at least two polymers P1 and P2 and further comprising, in longitudinal cross-section
3 perpendicular to the main surfaces of the film, at least 4 die lines, which both where the polymers
4 P1 and P2 are at least partly crystalline at temperatures under 100°C, ~~and are incompatible to such~~
5 ~~an extent that they exist as and form~~ separate phases in the layer ~~final film but are compatibilized~~
6 ~~sufficiently for practical purposes, where the alloy comprises~~ comprising a dispersion of
7 microscopically fine fibrils ~~or fibril network~~ of the polymer P1 surrounded by the polymer P2,
8 ~~wherein each the fibrils extends mainly~~ substantially in one direction, ~~where the fibrils of the~~
9 ~~polymer P1 are flat, and generally~~ are substantially parallel with the main surfaces of the film, have
10 a with thicknesses ~~generally around or lower than~~ less than or equal to about 1 µm, and have a width
11 at least 5 times the thickness, and where the polymer P1 ~~is chosen to exhibit~~ has desirable barrier
12 properties ~~and further comprising, in longitudinal cross-section perpendicular to the main surfaces~~
13 ~~of the film, at least 4 die lines.~~

1 57.(**previously presented**) The film according to claim 56, further comprising a minor coextruded
2 surface layer on at least one side of the alloy layer to enhance bonding properties and/or modify its
3 frictional properties.

1 58.(**previously presented**) The film according to claim 56, wherein the polymer P1 comprising
2 EVOH, vinylidene chloride polymers or polyamide.

1 59.(previously presented) The film according to claim 56, wherein the film is uniaxially or
2 biaxially oriented and is laminated to another oriented film, whereby the main directions of
3 orientation cross each other.

1 60.(currently amended) A cellular expanded film made by extrusion in the presence of an
2 expansion agent, where the film ~~is made from~~ comprises an alloy of at least two polymers P1 and
3 P2, ~~which both~~ where the polymers are at least partly crystalline at temperatures under 100°C, and
4 where the alloy comprising a dispersion of microscopically fine fibrils ~~or a fibril network~~ of the
5 polymer P1 surrounded by the polymer P2, where ~~each~~ the fibrils ~~extends mainly~~ substantially in one
6 direction, ~~and is~~ are flat, ~~each fibril has~~ have a thicknesses less than or equal to about 1 µm, and ~~each~~
7 ~~fibril has~~ have a width at least 5 times its thickness.

1 61.(previously presented) The film according to claim 60, wherein the film is uniaxially or
2 biaxially oriented and is laminated to another film, where the main directions of orientation cross
3 each other.

1 62.(previously presented) The film according to claim 60, wherein the film is in the form of rope,
2 twine or woven-tape products.

1 63.(previously presented) The film according to claim 60, wherein the film is in the form of split
2 fibre products.

1 64.(previously presented) The film according to claim 60, wherein the polymer P2 in its
2 unoriented state at 20°C exhibits a coefficient of elasticity (E1) which is at least 15% lower than ~~an~~
3 a coefficient of elasticity (E2) of the polymer P1.

1 65.(currently amended) The film according to claim 56, wherein the polymer P2 ~~is~~ comprises
2 a copolymer of propylene or polyethylene.

1 66.(previously presented) The film according to claim 56, wherein, in the alloy, a weight

2 proportion of the polymer P1 is in the range 5 to 75 %.

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1 96.(currently amended) The film according to claim 49, wherein the width of the fibrils ~~are~~ is
2 at least 10 times the thickness.

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1 98.(new) An extruded oriented film comprising:
2 a layer including:
3 a polymer alloy comprising:
4 a dispersion of microscopically fine fibrils of a polymer P1 surrounded by a
5 polymer P2,

6 where the fibrils extend substantially in one direction, have a thickness less
7 than or equal to about 1 μ m, have a width at least 5 times the thickness, are
8 flat, and are substantially parallel with the main surfaces of the film, and
9 where the polymer P1 and the polymer P2 are different and are at least partly
10 crystalline at temperatures less than 100°C, and
11 where the polymer P2, in its unoriented state at 20°C, exhibits a coefficient
12 of elasticity (E1) which is at least 15% lower than a coefficient of elasticity
13 (E2) of the polymer P1.

1 99.(new) The film according to claim 98, wherein the film further comprises a minor
2 coextruded surface layer on at least one side of the alloy layer to enhance bonding properties and/or
3 modify frictional properties of the film.

1 100.(new) The film according to claim 99, wherein the polymer P1 comprises polypropylene,
2 polyamide or polyethylene terephthalate, and the polymer P2 comprises a propylene copolymer, or
3 polyethylene.

1 101.(new) The film according to claim 100, wherein the polypropylene comprises a crystalline
2 copolymer of propylene.

1 102.(new) The film according to claim 100, wherein the polyethylene comprises a copolymer
2 of ethylene.

1 103.(new) The film according to claim 98, wherein the film is in the form of a crosslaminate.

1 104.(new) The film according to claim 98, wherein the film is in the form of a rope, twine or
2 woven-tape product.

1 105.(new) An extruded oriented film comprising:
2 a layer including:
3 a polymer alloy comprising:

a dispersion of microscopically fine fibrils of a polymer P1 surrounded by a polymer P2,
where the fibrils extend substantially in one direction, have a thickness less than or equal to about 1 μ m, and a width at least 5 times its thickness,
where the polymer P1 and the polymer P2 are different and are at least partly crystalline at temperatures less than 100°C, and
where the polymer P2 in its unoriented state at 20°C exhibits a coefficient of elasticity (E1) which is at least 15% lower than a coefficient of elasticity (E2) of the polymer P1, and
locations of rupture of the polymer P1 fibrils,
where the locations of rupture extend in a substantially linear fashion across the film at an angle to the direction of orientation of the fibrils and comprise the polymer P2.

106.(new) The film according to claim 105, wherein the film further comprises a minor coextruded surface layer on at least one side of the alloy layer to enhance bonding properties and/or modify frictional properties of the film.

107.(new) The film according to claim 106, wherein the polymer P1 comprises polypropylene, polyamide or polyethylene terephthalate, and the polymer P2 comprises a propylene copolymer, or polyethylene.

108.(new) The film according to claim 107, wherein the polypropylene comprises a crystalline copolymer of propylene.

109.(new) The film according to claim 107, wherein the polyethylene comprises a copolymer of ethylene.

110.(new) The film according to claim 105, wherein the film is in the form of a crosslaminated.

111.(new) The film according to claim 105, wherein the film is in the form of a rope, twine or woven-tape product.

1 112.(new) An extruded oriented film comprising:

2 a layer including:

3 a polymer alloy comprising:

4 a dispersion of microscopically fine fibrils of a polymer P1 surrounded by a
5 polymer P2,

6 where the fibrils extend substantially in one direction, have a thickness less
7 than or equal to about 1 μ m, a width at least 5 times the thickness, are flat and
8 are substantially parallel with the main surfaces of the film,

9 where the polymer P1 and the polymer P2 are different and are at least partly
10 crystalline at temperatures less than 100°C, and

11 where the polymer P2 in its unoriented state at 20°C exhibits a coefficient of
12 elasticity (E1) which is at least 15% lower than a coefficient of elasticity (E2)
13 of the polymer P1, and

14 locations of rupture of the polymer P1 fibrils,

15 where the locations of rupture extend in a substantially linear fashion across the film at an
16 angle to the direction of orientation of the fibrils and comprise the polymer P2.

1 113.(new) The film according to claim 112, wherein the film further comprises a minor
2 coextruded surface layer on at least one side of the alloy layer to enhance bonding properties and/or
3 modify frictional properties of the film.

1 114.(new) The film according to claim 113, wherein the polymer P1 comprises polypropylene,
2 polyamide or polyethylene terephthalate, and the polymer P2 comprises a propylene copolymer, or
3 polyethylene.

1 115.(new) The film according to claim 114, wherein the polypropylene comprises a crystalline
2 copolymer of propylene.

1 116.(new) The film according to claim 114, wherein the polyethylene comprises a copolymer
2 of ethylene.

1 117.(new) The film according to claim 112, wherein the film is in the form of a crosslaminate.

1 118.(new) The film according to claim 112, wherein the film is in the form of a rope, twine or
2 woven-tape product.